

SUBJECT: Responses to last weeks meeting with TrueArc on security of ForeMost

1) Is there a password utility for SQL Server as well as Oracle?

None presently but this can be done fairly quickly.

2) Is 8 characters the maximum length of the SYSADM, SYS4MDA and FMSEARCH passwords?

SYSADM, SYS4MDA passwords are currently maximum length of 8. With a minor code change this could be extended to 18. FMSearch can be up to the maximum size allowable by ODBC and ORACLE.

3) Can the passwords have any printable characters excluding just the semi-colon (;)?

Passwords can be any valid string accepted by Oracle and SQL Server. However password are limited to alphanumeric strings . Punctuation is not allowed in passwords (i.e. !@#\$%^&*()?'";:~`) For list of all possibilities please refer to Oracle or SQLServer Manuals. ForeMost user passwords may contain any combination of alphanumeric and/or special characters when it comes to authenticating users on the system.

4) Can there be a space in the login name?

No there cannot be a space in the login name.

5) How large can ForeMost user names be?

Names have a maximum size of a user name is 60 but maximum for a login name is 32. Maximum length of a ForeMost password is 10.

6) Time frame for allowing renaming of user names

This could be included in our next major release in 2002.

7) What hashing algorithm is used to process passwords in ForeMost when it is not synchronized with Microsoft's authentication model?

The algorithm used is currently proprietary.

After review, ForeMost appears to be compliant with the security standards

for DOE N 205.3 and DOE G 205.3-1.

The ForeMost configuration may be further restricted by removing the document, index and database server back-end's to an independent network accessed exclusively by the ForeMost middle tier. This implies two levels of security that must be passed to access any data, a user login to the system and a system login to the back-end's and restricts access to the back-end's outside of the ForeMost middle tier.

ForeMost also complies with the DOE-STD-4001-2000 "Design Criteria for Electronic Records Management Software Applications", modeled after the DoD 5015.2 Records Management Standard.

Please let me know if there are any other questions at this time. Hopefully we can have a new email sent by John Staley that ForeMost can be configured to meet acceptable security standards at DOE. Please let us know if there is anything else we at TrueArc can do to assist?

Thanks for everyone's help on this,

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